MASS WATER-LEVEL MEASUREMENTS OF FALL 1984 IN THE CENTRAL PLATTE RIVER BASIN, NEBRASKA

By Jack T. Dugan

U.S. GEOLOGICAL SURVEY

Open-File Report 85-193

Prepared in cooperation with

U.S. BUREAU OF RECLAMATION

CENTRAL PLATTE NATURAL RESOURCES DISTRICT

Lincoln, Nebraska

1985

UNITED STATES DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS

Multiply	By	To obtain
Acre	4,047	square meter
Foot	0.3048	meter
Mile	1.609	kilometer
Square mile	2.590	square kilometer

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ABSTRACT

Mass water-level measurements were conducted in the Central Platte River basin, Nebraska, for the purpose of providing data to the U.S. Bureau of Reclamation for the development of a detailed map of water-table conditions during the fall of 1984. The objective was to provide a network of observation wells at approximately 2- to 3-mile intervals.

In October and November 1984, 736 wells were measured, of which 526 were measured as part of existing ground-water observation networks. The remaining 210 were wells not previously measured and required complete inventorying.

The report consists of maps of the study area and locations of the observation wells. An appendix of pertinent well data includes: legal location, land-surface altitude, depth-to-water, water-table altitude, date of measurement, and type of well.

INTRODUCTION

The ground-water resources and their development in the Central Platte River Basin of Nebraska are of major significance to the State. This report, which constitutes the initial phase of an evaluation of these resources by the U.S. Bureau of Reclamation, provides mass water-level measurements of water table conditions in the Central Platte area in the fall of 1984. The principal participating agencies were the U.S. Geological Survey, U.S. Bureau of Reclamation, and Central Platte Natural Resources District.

PURPOSE

The purpose of this project was to provide an adequate number of uniformly-distributed water-level measurements of existing water-table wells for the development of a detailed map of the water-table conditions as of fall 1984.

OBJECTIVES

The principal objective of the study was to provide a network of observation wells at approximately 2- 3-mile intervals. To achieve this distribution it was necessary to supplement the existing observation-well network with approximately 200 additional wells in areas selected by the U.S. Bureau of Reclamation.

Another objective was to define the locations and altitudes of all observation wells as precisely as possible. Ideally, this meant locating wells within 2.5 acres (quarter, quarter, quarter, quarter sections) and to the nearest foot of altitude.

A final objective was to provide synoptic ground-water level data by conducting the mass measurements within as short a time period as possible following the recovery period after the irrigation season. The optimum time period would be late fall or early winter, but with the weather vagaries of the region, a measurement period of mid-October to mid-November was selected.

STUDY AREA

The study area shown in Figure 1 lies between the Platte River and the South Loup - Loup River systems and between Range 4 West in Merrick County and Range 21 West in Dawson and Custer Counties, covering approximately 2,500 square miles. Additional observations outside this area were necessary, however, to establish control points for contour mapping.

System of Well Location and Altitude Control

This report uses a system of referencing well locations based on the U.S. Bureau of Land Management's numbering system as shown in figure 2.

The numeral preceding N (north) indicates the township, the numeral preceding E (east) or W (west) indicates the range, and the numeral preceding terminal letters indicates the section in which the well is located. The terminal letters denote, in respective order, the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section and are assigned in counterclockwise direction beginning with A in the northeast corner of each subdivision.

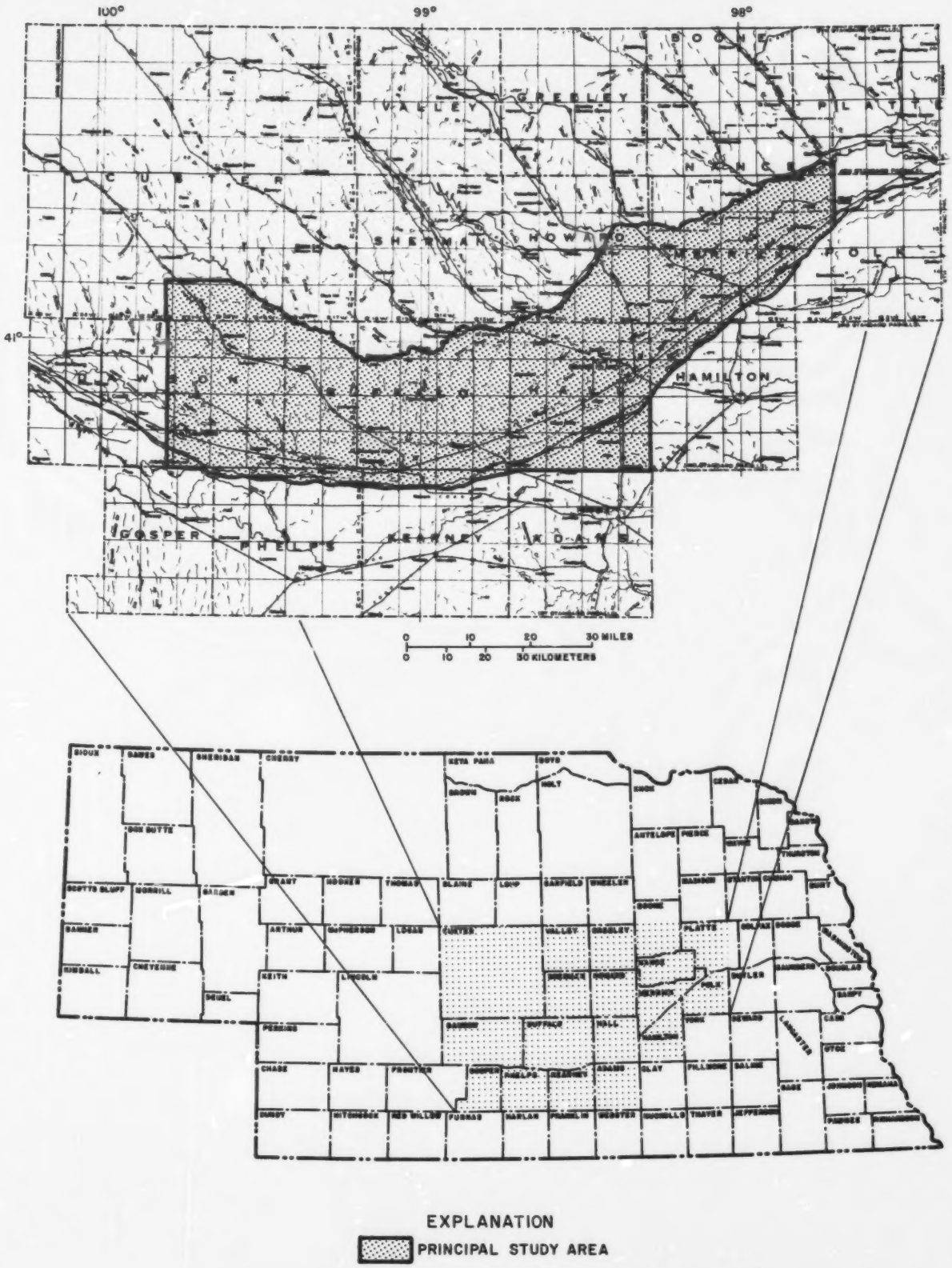

Figure 1.--Location of the study area.

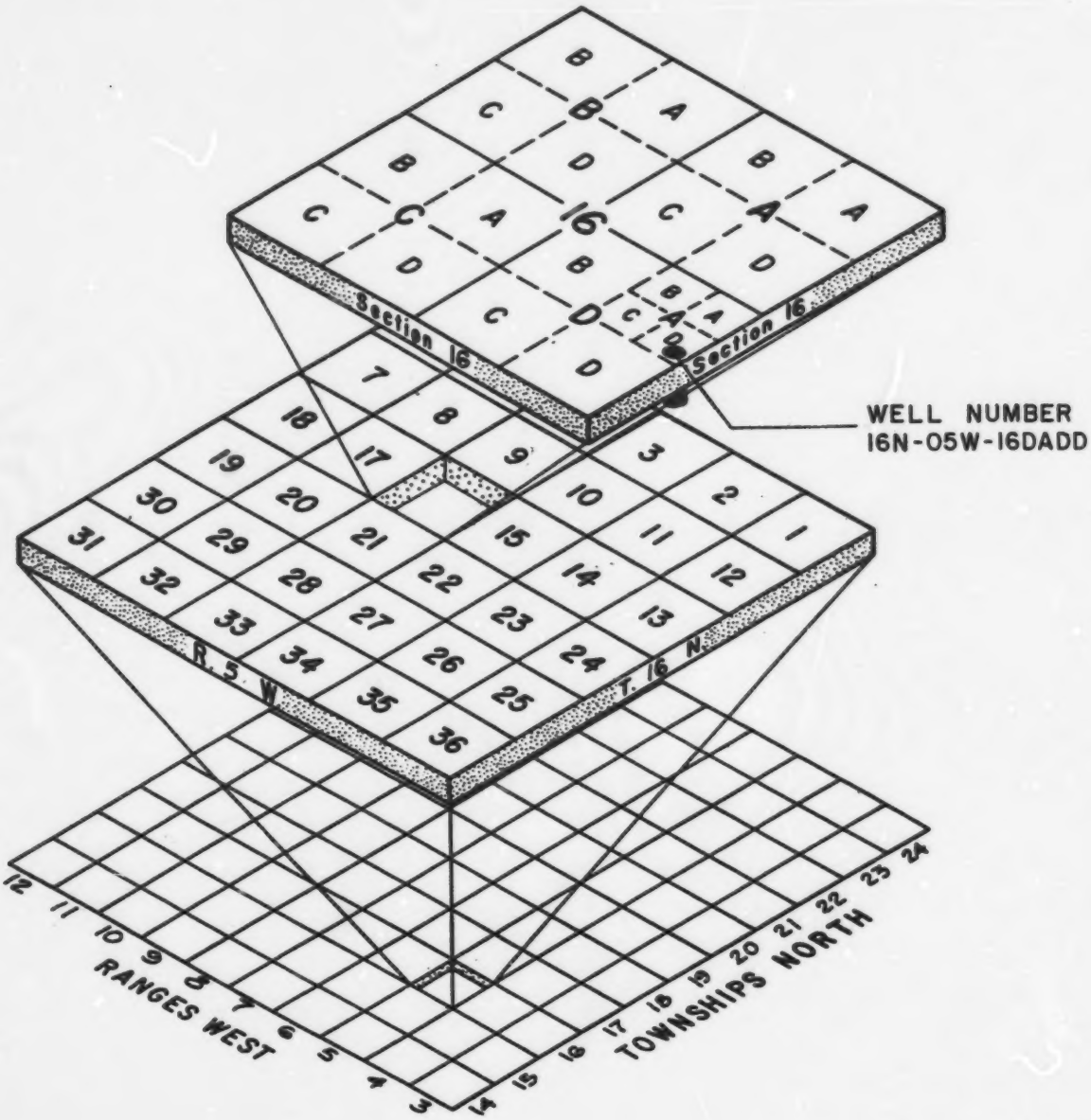

Figure 2.--Well-numbering system.

Altitude for the land-surface datum (LSD) of the ground-water observation points was obtained by two methods. Altitude of selected wells, particularly long-term observation wells, were obtained by instrument survey. Altitudes for most wells, however, were determined from 7½-minute series topographic maps (scale 1:24,000) with 5- or 10-foot contour intervals, which were available for the entire study area. Altitude values obtained from the topographic maps have an average error factor of ± 5 feet. Where exact locations were available, altitudes were estimated to the nearest foot from these topographic maps.

Results

Figure 3 shows the distribution of 736 wells that were measured for this study. Of this number, 210 were new observation wells that were inventoried and measured principally in Buffalo, Dawson, Hall, Howard, and Merrick Counties. The remaining 526 wells are those that are measured on a regular basis, generally semiannually, by the Central Platte, Lower Loup, and Tri-Basin Natural Resources Districts (NRD's), the U.S. Geological Survey, the U.S. Bureau of Reclamation, the Central Nebraska Public Power and Irrigation District, and the Blue River Association of Ground-Water Conservation Districts. The following table indicates the number of wells measured, by county, for this study:

County	Number of wells measured
Adams	1
Buffalo	157
Custer	25
Dawson	136
Gosper	5
Hall	142
Hamilton	20
Howard	46
Kearney	28
Merrick	108
Nance	29
Phelps	34
Platte	1
Sherman	4
Total	736

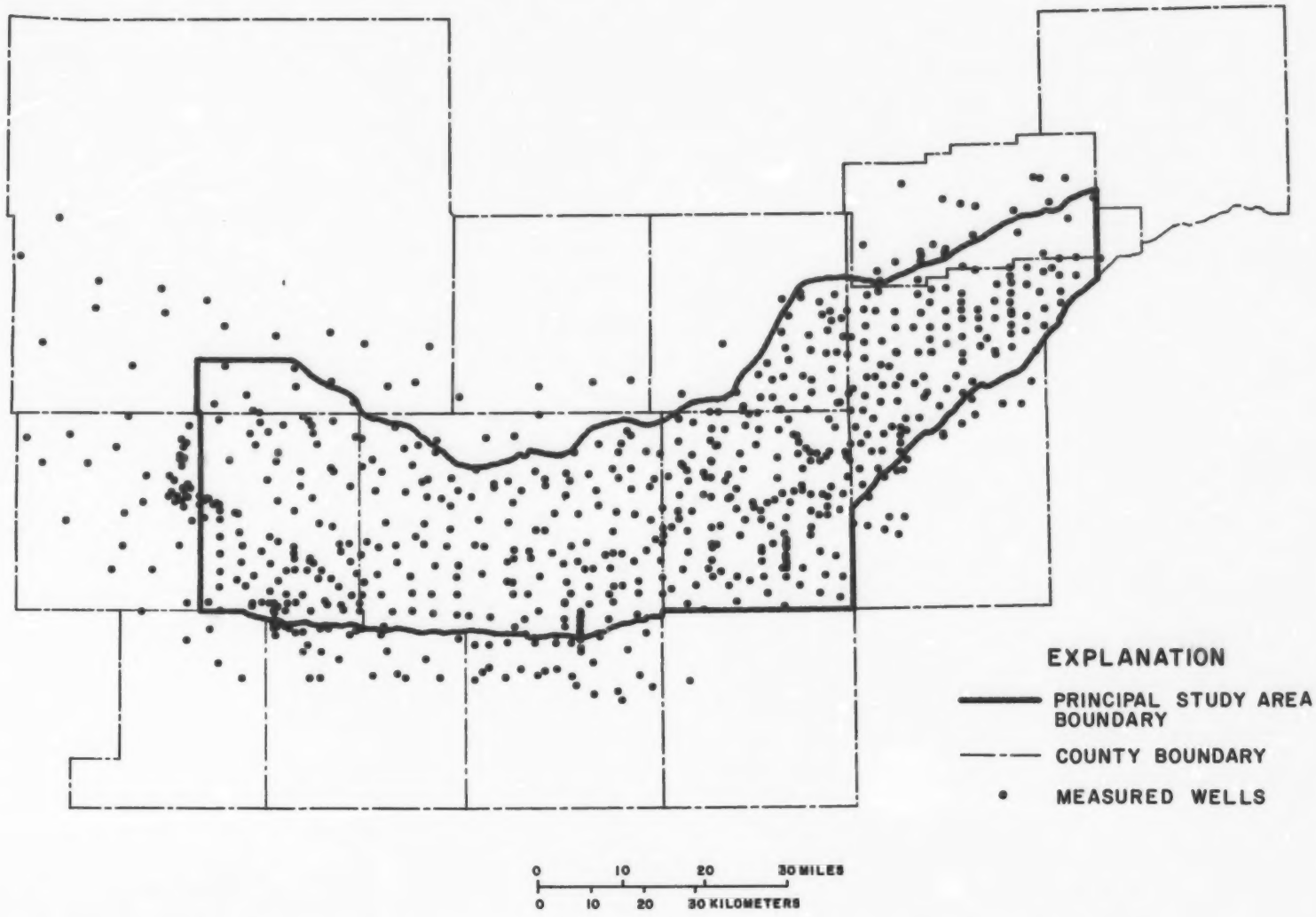

Figure 3.--Distribution of measured wells in the study area.

The resultant network of observations for this study provided an average density of eight observations per 36 square miles (township) or one per 4.5 square miles within the principal study area. This provided approximately an observation well spacing of between 2.0 and 2.5 miles.

As figure 3 indicates, a perfectly uniform distribution of observations was not achieved. Many areas, because of topographic or hydrologic limitations, had no measurable wells. Some clustering effect is evident in some areas where the regularly-measured observation networks contained some observation wells that were established for specific data needs.

Most measurements were performed between October 15 and November 5, 1984. Inclement weather and manpower scheduling limitations of the various agencies, however, caused some measurements to be made outside of this primary time period. All measurements were made, however, in October and November 1984. Only those measured in very early October may be affected significantly by too short a recovery period following the irrigation season or by low flows in the Platte and Loup Rivers.

Appendix A provides measurement data and pertinent information for each observation well used in this study.

APPENDIX A

EXPLANATION FOR SELECTED TERMS

SECLOC = LOCATION WITHIN SECTION (SEE SYSTEM OF WELL LOCATION)

LSD = LAND SURFACE DATUM OR ALTITUDE ABOVE MEAN SEA LEVEL (IN FEET)

DTW = DEPTH TO WATER (IN FEET)

WT = WATER TABLE ALTITUDE ABOVE MEAN SEA LEVEL (IN FEET)

DATE = DATE OF MEASUREMENT (MONTH-DAY-YEAR)

MEASURER = MEASURING AGENCY

- GS = U.S. GEOLOGICAL SURVEY
- BR = U.S. BUREAU OF RECLAMATION
- CP = CENTRAL PLATTE NATURAL RESOURCES DISTRICT
- TB = TRI-BASIN NATURAL RESOURCES DISTRICT
- LL = LOWER LOUP NATURAL RESOURCES DISTRICT
- BA = BLUE RIVER ASSOCIATION OF GROUND-WATER CONSERVATION DISTRICTS

WELL TYPE = TYPE OF WELL OR WELL USE

- IR = IRRIGATION WELL
- OB = OBSERVATION PIPE WELL
- ID = INDUSTRIAL WELL
- DM = DOMESTIC OR LIVESTOCK WELL
- MW = MUNICIPAL SUPPLY WELL

TOPSHEET = U.S. GEOLOGICAL SURVEY 7½-MINUTE SERIES TOPOGRAPHIC MAP ON WHICH THE WELL IS LOCATED.

APPENDIX A. GROUND-WATER LEVEL MEASUREMENTS MADE OCTOBER-NOVEMBER 1984, CENTRAL PLATTE RIVER BASIN, NEBRASKA

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
ADAMS	07N	12W	15	CAB	2057	102.710	1954.29	101084	IR	GS	KENESAW
BUFFALO	08N	13W	4	ADDD	2035	6.0000	2029.00	102484	OB	BR	GIBBON S
	08N	14W	4	BABC	2076	3.6000	2072.40	102684	OB	BR	NEWARK
	08N	14W	4	BCB	2077	3.4000	2073.60	102684	IR	BR	NEWARK
	08N	14W	4	CBB	2079	3.6000	2075.40	102684	OB	BR	NEWARK
	08N	14W	5	DDAA	2078	2.0000	2076.00	102684	OB	BR	NEWARK
	08N	14W	6	CCCC	2092	3.5000	2088.50	102584	OB	BR	NEWARK
	08N	14W	7	CCCA	2093	3.3000	2089.70	102584	OB	BR	NEWARK
	08N	14W	8	AADD	2081	3.9000	2077.10	102684	OB	BR	NEWARK
	08N	14W	8	DDA	2081	3.0000	2078.00	102684	OB	BR	NEWARK
	08N	14W	12	BAAA	2056	1.7000	2054.30	102484	OB	BR	GIBBON S
	08N	14W	17	ADD	2085	5.1000	2079.90	102684	OB	BR	NEWARK
	08N	14W	17	DAD	2081	1.6000	2079.40	102684	OB	BR	NEWARK
	08N	14W	17	DDDD	2081	2.0000	2079.00	102684	OB	BR	NEWARK
	08N	14W	19	DD	2089	5.3000	2083.70	102484	OB	BR	NEWARK
	08N	14W	20	ADD	2083	4.6000	2078.40	102684	OB	BR	NEWARK
	08N	14W	23	BA	2067	5.2000	2061.80	102484	OB	BR	GIBBON S
	08N	14W	28	BCCC	2091	10.3000	2080.70	102684	OB	BR	NEWARK
	08N	14W	28	CCC	2100	16.4000	2083.60	102684	OB	BR	NEWARK
	08N	15W	3	BBBB	2117	18.7600	2098.24	101684	IR	GS	KEARNEY
	08N	15W	7	CCCC	2133	6.3500	2126.65	101184	OB	GS	KEARNEY
	08N	15W	8	BABA	2129	15.6600	2113.34	101184	IR	GS	KEARNEY
	08N	16W	3	CBCC	2164	10.1800	2153.82	101184	IR	GS	KEARNEY
	08N	16W	6	CAAC	2177	7.2000	2169.80	101684	ID	GS	ALFALFA C
	08N	17W	2	ADDD	2198	11.0000	2187.00	102584	OB	BR	ALFALFA C
	08N	17W	4	BCBB	2216	8.8700	2207.13	101684	IR	GS	ELM CK.EST
	08N	18W	3	ABBB	2245	12.5200	2232.48	101784	IR	GS	ELM CRK E
	08N	18W	9	CDAD	2245	6.5800	2238.42	101184	OB	GS	ELM CRK E
	09N	13W	4	ABBB	2036	17.2000	2018.80	102484	IR	GS	GIBBON N
	09N	13W	13	AAAA	2014	14.5000	1999.50	102584	OB	BR	SHELTON
	09N	13W	15	BCCC	2036	17.1000	2018.90	102484	IR	GS	GIBBON N
	09N	13W	17	CCCD	2052	18.0600	2033.94	101184	IR	GS	GIBBON S
	09N	13W	19	BBBB	2053	12.2700	2040.73	101684	OB	GS	GIBBON S
	09N	13W	22	CCCB	2030	9.1300	2020.87	102484	IR	GS	GIBBON S
	09N	13W	24	DDDD	2006	2.6000	2003.40	102584	OB	BR	DENMAN
	09N	14W	1	DC	2057	23.4200	2033.58	101784	OB	GS	GIBBON N
	09N	14W	3	DCCB	2079	26.2600	2052.74	101584	IR	GS	BUCKEYE V.
	09N	14W	4	DCCC	2088	27.7000	2060.30	101584	IR	GS	BUCKEYE V.
	09N	14W	5	ABAB	2105	38.4000	2066.60	110284	OB	BR	BUCKEYE V
	09N	14W	18	CABB	2099	27.0500	2071.95	101784	OB	GS	GIBBON S
	09N	14W	19	DDCB	2102	30.0000	2072.00	101784	IR	GS	NEWARK
	09N	14W	22	BBBC	2078	17.7000	2060.30	101684	IR	GS	NEWARK
	09N	14W	25	BAAA	2061	15.3100	2045.69	101784	IR	GS	GIBBON S
	09N	14W	25	DDDD	2049	4.6000	2044.40	102584	OB	BR	GIBBON S
	09N	14W	30	CCCC	2098	18.9500	2079.05	101784	OB	GS	NEWARK
	09N	14W	31	BBBC	2098	18.8000	2079.20	101784	IR	GS	NEWARK
	09N	14W	34	BBCC	2075	14.7000	2060.30	101784	IR	GS	NEWARK
	09N	15W	1	ADAB	2144	68.6700	2075.33	101784	OB	GS	BUCKEYE V
	09N	15W	10	CCB	2139	38.3000	2100.70	101684	IR	GS	PLSTN SE
	09N	15W	20	DCCD	2137	44.8000	2092.20	101684	IR	GS	KEARNEY
	09N	16W	1	BBBA	2193	73.7000	2119.30	103084	OB	BR	PLSNTN SE
	09N	16W	6	BCC	2264	92.8900	2171.58	101184	OB	GS	PLSNTN SE

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
BUFFALO	09N	16W	9	BCCC	2183	34.100	2148.90	102484	IR	GS	RIVERDALE
	09N	16W	13	BCC	2150	40.100	2109.90	101184	IR	GS	PLSNTN SE
	09N	16W	13	DBAA	2151	36.450	2114.55	101184	OB	GS	KEARNEY
	09N	16W	24	DDCC	2193	84.630	2108.37	101184	OB	GS	KEARNEY
	09N	17W	3	BDCC	2278	74.320	2203.68	103084	IR	GS	RIVERDALE
	09N	17W	7	C	2381	152.560	2228.44	103084	IR	GS	AMHERST
	09N	17W	12	DDAC	2324	130.670	2193.33	101184	OB	GS	RIVERDALE
	09N	17W	19	CDAA	2357	123.300	2233.70	100184	OB	BR	ELM CRK E
	09N	17W	21	DDCA	2351	136.360	2214.64	101884	OB	GS	ELM CRK E
	09N	17W	24	DDDD	2349	149.740	2199.26	101184	OB	GS	ALFALFA C
	09N	17W	31	CDDD	2237	1.810	2235.19	101884	OB	GS	ELM CRK E
	09N	18W	2	ABAA	2400	157.760	2242.24	101884	IR	GS	AMHERST
	09N	18W	9	DBBB	2399	143.440	2255.56	103084	IR	GS	MILLER SW
	09N	18W	17	BCCC	2302	30.200	2271.80	103084	OB	BR	MILLER SW
	09N	18W	21	DDDD	2267	24.910	2242.09	101884	OB	GS	ELM CRK E
	09N	18W	30	ABBA	2275	12.480	2262.52	101884	IR	GS	ELM CRK W
	09N	18W	31	BBBB	2270	12.100	2257.90	103084	IR	BR	ELM CRK W
	09N	18W	31	CCCC	2275	12.640	2262.36	101884	IR	GS	ELM CRK W
	10N	13W	4	ACAC	2060	32.020	2027.98	110184	IR	GS	GIBBON N
	10N	13W	6	BAAB	2148	98.010	2049.99	101784	IR	GS	GIBBON N
	10N	13W	11	ABBA	2035	45.380	1989.62	110184	IR	GS	SHELTON
	10N	13W	24	BC	2014	25.720	1988.28	101684	IR	GS	SHELTON
	10N	13W	24	DDAD	2009	29.710	1979.29	101684	OB	GS	SHELTON
	10N	13W	26	CBCC	2024	23.150	2000.85	102484	IR	GS	GIBBON N
	10N	13W	32	BBBC	2051	28.200	2022.80	112884	OB	CP	GIBBON N.
	10N	13W	36	DDCC	2011	20.190	1990.81	102484	IR	GS	SHELTON
	10N	14W	5	A	2185	99.200	2085.80	101584	IR	GS	BUCKEYE V.
	10N	14W	13	ADDA	2100	35.170	2064.83	101784	OB	GS	GIBBON N
	10N	14W	21	D	2142	64.610	2077.39	101584	IR	GS	BUCKEYE U.
	10N	14W	30	AACA	2155	60.760	2094.24	101584	IR	GS	BUCKEYE U.
	10N	14W	36	AAAA	2070	41.270	2028.73	101784	OB	GS	GIBBON N
	10N	14W	36	BCBB	2095	35.900	2059.10	102484	IR	GS	GIBBON N
	10N	15W	2	AACA	2172	78.270	2094.73	101784	IR	GS	BUCKEYE V
	10N	15W	15	ABDC	2225	133.200	2091.80	102384	IR	GS	BUCKEYE V.
	10N	15W	16	ABC	2223	120.460	2102.54	101784	IR	GS	PLSNTN SE
	10N	15W	26	DCCC	2190	100.300	2089.70	102384	IR	GS	BUCKEYE V.
	10N	15W	29	D	2200	95.100	2104.90	102484	IR	GS	PLSTN SE
	10N	15W	32	DAAD	2180	76.100	2103.90	103084	OB	BR	PLSNTN SE
	10N	16W	5	DC	2262	127.290	2134.71	101784	OB	GS	RIVERDALE
	10N	16W	12	B	2252	142.100	2109.90	102384	IR	GS	PLSTN SE
	10N	16W	20	CCDC	2241	105.100	2135.90	102484	IR	GS	RIVERDALE
	10N	16W	25	DAAC	2202	96.100	2105.90	102484	IR	GS	PLSTN SE
	10N	16W	28	BACB	2222	86.100	2135.90	102484	IR	GS	RIVERDALE
	10N	16W	36	DA	2200	92.800	2107.20	102484	IR	GS	PLSTN SE
	10N	17W	8	ADAD	2280	77.790	2202.21	103084	IR	GS	AMHERST
	10N	17W	13	BBAB	2300	131.080	2168.92	101784	IR	GS	RIVERDALE
	10N	17W	18	DDDB	2275	65.790	2209.21	102984	IR	GS	AMHERST
	10N	17W	20	DDAC	2285	34.400	2210.60	103084	IR	GS	AMHERST
	10N	17W	26	ABAD	2217	49.700	2167.30	102484	IR	GS	RIVERDALE
	10N	18W	10	BADD	2332	71.040	2260.96	102984	IR	GS	AMHERST
	10N	18W	20	CABA	2475	193.910	2281.09	103084	IR	GS	MILLER SW
	10N	18W	23	DCCD	2335	86.800	2248.20	110184	OB	BR	AMHERST
	10N	18W	28	ABDC	2431	164.350	2266.65	103084	IR	GS	MILLER SW
	10N	18W	31	BA	2425	146.600	2278.40	103084	IR	BR	MILLER SW
	11N	13W	4	CCAA	2091	74.960	2016.04	103184	IR	GS	POOLE NE.

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
BUFFALO	11N	13W	7	DCDA	2147	112.350	2034.65	110184	IR	GS	POOLE NE.
	11N	13W	13	BABB	2126	133.010	1992.99	101784	OB	GS	CAMERON
	11N	13W	14	DCCC	2121	121.590	1999.41	110184	IR	GS	CAMERON
	11N	13W	21	B	2110	83.600	2026.40	110184	IR	GS	POOLENE
	11N	14W	1	DDAA	2060	32.980	2027.02	101784	IR	GS	POOLE NE
	11N	14W	7	BDBB	2135	73.930	2061.07	101784	IR	GS	POOLE
	11N	14W	10	BCCB	2086	37.200	2048.80	102284	IR	GS	POOLE
	11N	14W	18	ABDD	2130	85.400	2044.60	100184	IR	LL	POOLE
	11N	14W	19	CCDD	2153	72.770	2080.23	101684	IR	GS	POOLE
	11N	14W	22	ADDA	2125	59.350	2065.65	101784	IR	GS	POOLE
	11N	14W	35	B	2175	115.030	2059.97	101584	IR	GS	POOLE NE.
	11N	15W	9	ABBB	2137	63.060	2073.94	101784	IR	GS	PLSNTN
	11N	15W	10	DCDD	2145	69.100	2075.90	100184	IR	LL	POOLE
	11N	15W	15	D	2138	56.600	2081.40	102284	IR	GS	POOLE
	11N	15W	19	ADBD	2167	71.400	2095.60	102284	IR	GS	PLSTN
	11N	16W	5	CDBA	2129	17.900	2111.10	102984	IR	GS	PLSTN NW
	11N	16W	13	BBDD	2220	127.300	2092.70	102384	IR	GS	PLSTN
	11N	16W	15		2164	49.700	2114.30	102984	IR	GS	PLSTN
	11N	16W	15	DCCC	2185	64.400	2120.60	100184	IR	LL	PLEASANTON
	11N	16W	19	BCB	2230	73.480	2156.52	101784	IR	GS	PLSNTN NW
	11N	16W	25	DDB	2190	73.000	2117.00	101784	IR	GS	PLSNTN
	11N	16W	30	AA	2270	116.300	2153.70	102984	IR	GS	PLSTN NW
	11N	17W	6	ABCC	2320	105.900	2214.10	103084	IR	GS	MILLER NE
	11N	17W	9	CDD	2255	49.980	2205.02	101884	IR	GS	MILLER NE
	11N	17W	12	CDB	2260	100.200	2160.80	102984	IR	GS	PLSTN NW
	11N	17W	17	A	2321	112.500	2208.50	100184	IR	LL	MILLER SW
	11N	17W	26	BCBA	2322	140.000	2182.00	102984	IR	GS	PLSTN NW
	11N	17W	28	BAB	2381	183.270	2197.73	101884	IR	GS	MILLER NE
	11N	17W	36	BADA	2310	138.700	2171.30	102984	IR	GS	PLSTN NW
	11N	18W	6	AC	2350	66.170	2283.83	103084	IR	GS	MILLER
	11N	18W	10	BBBB	2318	59.860	2258.14	103084	IR	GS	MILLER NE
	11N	18W	21	BDB	2330	60.660	2269.34	103084	IR	GS	MILLER
	11N	18W	24	ACDD	2310	69.700	2240.30	103084	IR	GS	MILLER NE
	12N	13W	16	C	2045	52.130	1992.87	103184	IR	GS	ROCKVILLE
	12N	13W	17	AACC	2048	59.960	1988.04	103184	IR	GS	ROCKVILLE
	12N	13W	20	CBCC	2031	25.790	2005.21	101784	IR	GS	POOLE NE
	12N	13W	26	CBCD	2010	17.080	1992.92	103184	IR	GS	POOLE NE.
	12N	13W	30	DCAA	2051	44.220	2006.78	103184	IR	GS	POOLE NE.
	12N	13W	36	AABB	2055	79.820	1975.18	103184	IR	GS	CAMERON
	12N	14W	23	CDBB	2065	56.700	2008.30	102284	IR	GS	POOLE NE.
	12N	14W	29	CDBB	2048	31.900	2016.10	100184	IR	LL	POOLE
	12N	15W	3	BBCB	2061	31.570	2029.43	101784	IR	GS	HAZARD
	12N	15W	18	CBCC	2190	78.600	2111.40	100184	IR	LL	HAZARD
	12N	16W	16	DCC	2155	47.700	2107.30	100184	IR	LL	LITCHFLDSW
	12N	17W	20	CCAA	2249	57.400	2191.60	103084	IR	GS	MILLER NE
	12N	17W	22	ABCC	2163	12.000	2151.00	100184	IR	LL	PLEASTONNW
	12N	17W	27	CACA	2178	16.000	2162.00	102984	IR	GS	PLSTN NW
	12N	18W	11	DBBC	2219	22.090	2196.91	103184	IR	GS	MASON C.SE
	12N	18W	18	DCCC	2310	37.200	2272.80	103084	IR	GS	MASON C.SW
	12N	18W	25	ABC	2280	67.570	2212.43	101884	IR	GS	MILLER NE
	12N	18W	32	DAAA	2402	139.670	2262.33	101884	IR	GS	MILLER

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
CUSTER	13N	17W	17	BBDA	2387	170.000	2217.00	100184	IR	LL	MASONCTYSE
	13N	18W	15	DA	2293	55.000	2238.00	100184	IR	LL	MASONCTYSE
	13N	19W	16	AAAA	2315	47.800	2267.20	100184	IR	LL	MASON C SW
	13N	19W	25	DBAB	2272	29.700	2242.30	103184	IR	GS	MASON C,SW
	13N	20W	2	BDDA	2361	54.900	2306.10	111684	IR	CP	EDYVIL NE
	13N	20W	14	DB	2405	54.200	2350.80	100184	IR	LL	EDDYVILLE
	13N	20W	31	CCA	2543	126.800	2416.20	111684	IR	CP	EDYVIL SW
	13N	21W	4	BBCB	2554	105.990	2448.01	103184	IR	GS	EDDYVLLENW
	13N	21W	23	DBDB	2501	76.800	2424.20	103184	IR	GS	EDDYVLLESW
	13N	21W	30	D	2695	218.410	2476.59	103184	IR	GS	OCONTO SE
	13N	21W	36	CAA	2481	54.700	2426.30	102584	IR	GS	EDDYVIL SW
	13N	23W	4	ABD	2807	243.900	2563.10	112084	IR	CP	OCONTO NW
	14N	17W	21	DDAA	2252	50.400	2201.60	100184	IR	LL	MASON CITY
	14N	18W	20	BCC	2400	121.800	2278.20	100184	IR	LL	MASON CITY
	14N	19W	16	AABA	2450	119.500	2330.50	100184	IR	LL	MASON C
	14N	20W	16	BCDD	2390	40.700	2349.30	100184	IR	LL	EDDYVLL NE
	14N	21W	8	ADAA	2440	33.300	2406.70	100184	IR	LL	EDDYVLL NW
	14N	25W	22	AC	2900	210.800	2689.20	111684	IR	CP	ODCZ TB N
	15N	22W	18	CCAA	2591	70.600	2520.40	111684	IR	CP	CALLAWAY
	15N	22W	25	AAC	2470	7.600	2462.40	111684	IR	CP	OCONTO
	15N	22W	31	DBD	2675	122.900	2552.10	111684	IR	CP	OCONTO NW
	15N	24W	11	CDA	2705	88.700	2616.30	111684	IR	CP	MURPHY TB
	15N	24W	35	BB	2870	270.800	2599.20	111684	IR	CP	ROTEN V N
	16N	25W	1	AB	2675	21.000	2654.00	112084	IR	CP	ARNOLD
	16N	25W	30	DDB	3000	284.300	2715.70	112084	IR	CP	ARNOLD SW
DAWSON	08N	20W	5	BBC	2336	2.100	2333.90	110184	OB	BR	OVERTON
	09N	19W	6	BA	2345	26.600	2318.40	102384	IR	BR	LEXINGTNSE
	09N	19W	8	BABA	2328	15.490	2312.51	102984	IR	GS	LEXTN SE
	09N	19W	12	ACDB	2361	72.330	2288.67	102984	IR	GS	MILLER SW
	09N	19W	16	ABBB	2313	16.000	2297.00	103084	IR	BR	ELMCREEK W
	09N	19W	18	AAAA	2313	3.800	2309.20	110784	OB	CP	LXNGTN SE
	09N	19W	22	BAAA	2312	25.500	2286.50	110784	IR	CP	ELM CK W
	09N	19W	25	BBB	2289	16.000	2273.00	103084	IR	BR	ELMCREEK W
	09N	19W	29	D	2298	7.120	2290.88	102984	IR	GS	OVERTON
	09N	19W	31	CCCC	2310	7.500	2302.50	110784	IR	CP	OVERTON
	09N	19W	33	BBC	2300	9.100	2290.90	103084	IR	BR	ELMCREEK W
	09N	19W	34	A	2295	15.050	2279.95	102984	IR	GS	ELM CRK W
	09N	19W	35	CCBC	2286	10.500	2275.50	103084	IR	BR	ELMCREEK W
	09N	20W	2	CCC	2339	10.400	2328.60	102384	OB	BR	LXNGTN SE
	09N	20W	5	BBCD	2367	20.200	2346.80	103084	IR	BR	LXNGTN E
	09N	20W	10	BBB	2346	13.200	2332.80	102384	IR	BR	LXNGTN SE
	09N	20W	12	ABBA	2333	11.900	2321.10	102384	IR	BR	LXNGTN SE
	09N	20W	16	BCB	2345	7.900	2337.10	102684	OB	BR	LXNGTN SE
	09N	20W	20	CBB	2350	8.100	2341.90	102384	OB	BR	BERTRANDNW
	09N	20W	22	CCCC	2338	12.300	2325.70	102384	IR	BR	OVERTON
	09N	20W	25	BBBB	2320	7.100	2312.90	110784	IR	CP	OVERTON
	09N	20W	26	CCD	2323	5.000	2318.00	102384	DM	BR	OVERTON
	09N	20W	30	CCC	2348	4.200	2343.80	102684	OB	BR	BERTRANDNW
	09N	20W	31	AAAA	2342	6.000	2336.00	102384	OB	BR	BERTRANDNW
	09N	20W	32	ABB	2339	6.000	2333.00	102684	OB	BR	OVERTON
	09N	20W	32	ABB	2339	5.900	2333.10	110184	OB	BR	BERTRANDNW
	09N	20W	32	CDDD	2339	5.700	2333.30	110184	OB	BR	BERTRANDNW

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
DAWSON	09N	20W	33	BCCC	2332	5.000	2327.00	102384	IR	BR	OVERTON
	09N	20W	33	DDD	2328	4.800	2323.20	102384	OB	BR	OVERTON
	09N	20W	34	BBA	2330	8.100	2321.90	102384	IR	BR	OVERTON
	09N	21W	3	ABH	2382	6.800	2375.20	102684	IR	BR	LEXINGTONE
	09N	21W	7	AADD	2390	6.100	2383.90	102484	OB	BR	LXNGTN E
	09N	21W	12	CBCD	2370	10.600	2359.40	110784	IR	CP	LXNGTN E
	09N	21W	14	CCCD	2369	7.600	2361.40	110184	IR	BR	BERTRANDNW
	09N	21W	15	BBCC	2376	9.400	2366.60	102684	IR	BR	LXNGTN SE
	09N	21W	19	AAAC	2397	5.400	2391.60	110784	OB	CP	JOHNS. LK
	09N	21W	31	DDDD	2388	7.500	2380.50	102484	OB	BR	BERTRANDNW
	09N	21W	35	AAA	2355	3.900	2351.10	102684	OB	BR	BERTRANDNW
	09N	21W	35	AD	2356	4.500	2351.50	102684	OB	BR	BERTRANDNW
	09N	22W	25	DCC	2412	7.500	2404.50	102484	OB	BR	JOHNSON L
	09N	22W	33	AAAA	2509	21.770	2487.23	101884	OB	GS	JOHNSONLKE
	09N	23W	2	DCD	2464	14.270	2449.73	101884	IR	GS	COZAD
	09N	24W	1	DCDD	2522	12.000	2510.00	101884	OB	GS	GOTHENBGSE
	10N	19W	8	BCB	2406	73.900	2332.10	103084	IR	BR	LXNGTN SE
	10N	19W	9	DBD	2398	85.500	2312.50	110784	IR	CP	MILLER SW
	10N	19W	22	DCB	2375	66.000	2309.00	103084	IR	BR	MILLER SW
	10N	19W	23	D	2415	126.200	2288.80	102984	IR	GS	MILLER SW
	10N	19W	27	DBDD	2398	97.840	2300.16	102984	IR	GS	MILLER SW
	10N	19W	35	DDDC	2344	53.300	2290.70	102984	IR	GS	MILLER SW
	10N	20W	17	CCCC	2384	13.400	2370.60	110784	OB	CP	LXNGTN E
	10N	20W	21	CBBB	2386	25.300	2360.70	110784	IR	CP	LXNGTN SE
	10N	20W	27	AAD	2383	39.000	2344.00	102384	IR	BR	LXNGTN SE
	10N	20W	27	DDD	2357	17.000	2340.00	102384	OB	BR	LXNGTN SE
	10N	20W	30	CBCC	2373	13.300	2359.70	102984	IR	BR	LXNGTN E
	10N	20W	35	CBBC	2346	11.100	2334.90	102384	IR	BR	LXNGTN SE
	10N	20W	36	DAA	2368	46.300	2321.70	110784	IR	CP	LXNGTN SE
	10N	20W	36	DD	2347	24.900	2322.10	102384	OB	BR	LXNGTN SE
	10N	21W	3	BBDB	2453	40.500	2412.50	102984	IR	BR	LXNGTN E
	10N	21W	4	AABB	2455	40.800	2414.20	102484	IR	GS	LEX. NE
	10N	21W	6	DDAD	2430	7.200	2422.80	110784	OB	CP	LXNGTN E
	10N	21W	15	BDC	2410	14.000	2396.00	102984	IR	BR	LXNGTN SE
	10N	21W	18	DDDD	2421	11.340	2409.66	101884	OB	GS	LEXINGTONE
	10N	21W	27	ABA	2401	14.900	2386.10	102984	IR	BR	LXNGTN E
	10N	21W	31	AAAA	2399	6.200	2392.80	110784	OB	CP	LXNGTN E
	10N	22W	1	CBCB	2450	13.300	2436.70	110784	IR	CP	LXNGTN W
	10N	22W	10	ABBB	2454	11.500	2442.50	110784	IR	CP	LXNGTN W
	10N	22W	29	AAAA	2435	4.200	2430.80	110784	OB	CP	LXNGTN W
	10N	23W	5	BBAD	2494	8.800	2485.20	110784	IR	CP	COZAD
	10N	23W	29	BBBB	2480	17.150	2462.85	101884	OB	GS	COZAD
	10N	24W	7	BBBB	2542	12.730	2529.27	101884	IR	GS	GOTHENBGSE
	11N	19W	4	DBBC	2365	32.530	2332.47	102384	IR	GS	MILLER
	11N	19W	4	DDCD	2381	45.700	2335.30	110884	IR	CP	MILLER
	11N	19W	14	DDAB	2380	61.680	2318.32	103184	IR	GS	MILLER
	11N	19W	30	BBDD	2460	114.250	2345.75	103084	IR	GS	SUMNER
	11N	20W	2	DDCC	2415	57.690	2357.31	102984	IR	GS	SUMNER
	11N	20W	14	DDAB	2515	146.150	2368.85	102984	IR	GS	SUMNER
	11N	20W	18	ABAA	2495	88.700	2406.30	110884	IR	CP	LEX. NW
	11N	20W	29	DAAD	2520	136.590	2383.41	103084	IR	GS	SUMNER
	11N	20W	35	CCBB	2454	90.900	2363.10	110884	IR	CP	SUMNER
	11N	21W	30	DCBC	2485	53.300	2431.70	110784	IR	CP	BUFFALO
	11N	21W	31	AABA	2472	40.200	2431.80	110784	IR	CP	BUFFALO
	11N	21W	31	ABAB	2471	37.100	2433.90	110784	IR	CP	BUFFALO

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	HT	DATE	WELLTYPE	MEASURER	TOPSHEET
DAWSON	11N	21W	31	BBAB	2470	36.200	2433.80	110784	IR	CP	BUFFALO
	11N	21W	31	DDAA	2449	24.000	2425.00	110784	OB	CP	BUFFALO
	11N	22W	4	BDBC	2520	40.400	2479.60	110884	OB	CP	BUFFALO
	11N	22W	7	DABB	2535	33.600	2501.40	110884	IR	CP	BUFFALO
	11N	22W	15	CBBC	2529	63.000	2466.00	110784	IR	CP	BUFFALO
	11N	22W	16	DAAD	2516	41.100	2474.90	110784	IR	CP	BUFFALO
	11N	22W	17	BABD	2530	44.200	2485.80	110884	IR	CP	BUFFALO
	11N	22W	20	CBAB	2501	18.100	2482.90	110784	IR	CP	BUFFALO
	11N	22W	21	ACBC	2497	25.500	2471.50	110784	IR	CP	BUFFALO
	11N	22W	21	BAAB	2500	27.700	2472.30	110784	IR	CP	BUFFALO
	11N	22W	22	BABA	2520	52.700	2467.30	110784	IR	CP	BUFFALO
	11N	22W	25	ACBD	2498	66.300	2431.70	110784	IR	CP	BUFFALO
	11N	22W	25	BDBA	2495	49.700	2445.30	110784	IR	CP	BUFFALO
	11N	22W	25	CBBB	2482	36.400	2445.60	110784	IR	CP	BUFFALO
	11N	22W	26	BAAA	2477	26.000	2451.00	110784	IR	CP	BUFFALO
	11N	22W	27	BBCB	2483	23.500	2459.50	110784	IR	CP	BUFFALO
	11N	22W	28	AAB	2490	24.000	2466.00	110784	IR	CP	BUFFALO
	11N	22W	28	CABB	2480	21.700	2458.30	110784	IR	CP	BUFFALO
	11N	22W	29	ABAA	2491	19.700	2471.30	110784	IR	CP	BUFFALO
	11N	22W	29	CADD	2472	8.800	2463.20	110784	IR	CP	BUFFALO
	11N	22W	30	ABAB	2501	22.400	2478.60	110784	IR	CP	BUFFALO
	11N	22W	33	ACBC	2476	17.000	2459.00	110784	IR	CP	BUFFALO
	11N	22W	35	BAAA	2459	11.800	2447.20	110784	IR	CP	BUFFALO
	11N	23W	10	DAAB	2550	22.700	2527.30	110884	IR	CP	COZAD NW
	11N	23W	27	DBCC	2511	21.700	2489.30	110884	IR	CP	COZAD NW
	11N	24W	4	ABA	2592	32.900	2559.10	110884	IR	CP	WILLOW IS
	12N	19W	4	DDBC	2365	61.130	2303.87	103184	IR	GS	MASON C.SW
	12N	19W	7	BCDB	2470	126.090	2343.91	103084	IR	GS	EDDYVILLE
	12N	19W	13	DCBB	2350	75.000	2275.00	110884	IR	CP	MASON C SW
	12N	19W	18	BDBD	2470	120.100	2349.90	103084	IR	GS	EDDYVILLE
	12N	19W	19	DAC	2410	82.300	2327.70	102384	IR	GS	SUMNER
	12N	20W	1	BCBA	2485	133.770	2351.23	102384	IR	GS	EDDYVILLE
	12N	20W	1	DDBB	2420	84.200	2335.80	102984	IR	GS	LEX. SE
	12N	20W	9	ACAC	2622	234.250	2387.75	102384	IR	GS	EDDYVILLE
	12N	20W	18	AAC	2482	71.400	2410.60	102384	IR	GS	EDDYV. SW
	12N	20W	28	CBC	2424	31.200	2392.80	110884	IR	CP	SUMNER
	12N	20W	32	DDB	2429	38.700	2390.30	102484	ID	GS	SUMNER
	12N	21W	6	DACC	2550	87.800	2462.20	102284	IR	GS	OCONTO SE
	12N	21W	12	AABA	2465	43.700	2421.30	110884	IR	CP	EDDYVLLESW
	12N	21W	14	ACCA	2492	58.640	2433.36	102284	IR	GS	EDDYV. SW
	12N	21W	24	CDBB	2475	53.580	2421.42	102484	IR	GS	LEX. NW
	12N	21W	33	CBCA	2470	35.360	2434.64	102484	IR	GS	LEX. NW
	12N	22W	10	BCD	2639	143.600	2495.40	110884	IR	CP	OCONTO SE
	12N	22W	21	BBAD	2595	88.800	2506.20	110884	IR	CP	OCONTO SE
	12N	22W	21	DABA	2616	100.500	2515.50	110884	IR	CP	BUFFALO
	12N	22W	28	BAAA	2572	73.000	2499.00	110884	IR	CP	BUFFALO
	12N	22W	33	ACCA	2563	64.300	2498.70	110884	IR	CP	BUFFALO
	12N	22W	33	BBBB	2581	63.600	2517.40	110884	IR	CP	BUFFALO
	12N	22W	33	BCCC	2576	73.700	2502.30	110884	IR	CP	BUFFALO
	12N	23W	5	ACA	2665	117.100	2547.90	110884	IR	CP	OCONTO SW
	12N	23W	30	BBA	2607	48.500	2558.50	110884	IR	CP	COZAD NW
	12N	24W	18	CAA	2662	83.500	2578.50	110884	IR	CP	ROTEN V S
	12N	25W	17	CCDC	2712	122.700	2589.30	110884	IR	CP	ODCR T SO
	12N	25W	34	CCCD	2612	36.300	2575.70	110884	IR	CP	GOTHENBRG

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
GOSPER	07N	21W	6	BCH	2467	48.730	2419.27	101184	OB	GS	ELWOOD
	07N	21W	15	BB	2540	152.640	2387.36	101184	OB	GS	BERTRAND
	08N	22W	14	AADD	2605	136.790	2468.21	101984	IR	TB	JOHNSON LK
	08N	22W	21	CBBA	2522	49.760	2472.24	101984	IR	TB	JOHNSON LK
	08N	23W	4	ABAA	2630	80.180	2549.82	101984	IR	TB	ELWOOD NW
HALL	09N	09W	9	DCA	1932	59.700	1872.30	112784	IR	CP	DONIPHAN
	09N	09W	14	AAB	1915	60.130	1854.87	101084	IR	GS	DONIPHAN
	09N	09W	21	CCCC	1936	68.100	1867.90	112784	IR	CP	TRUMBULL
	09N	09W	26	CAAA	1922	73.300	1848.70	102784	IR	CP	TRUMBULL
	09N	10W	2	DDDD	1919	27.800	1891.20	112784	IR	CP	ALDA
	09N	10W	3	BCBB	1905	3.900	1901.10	102484	OB	BR	ALDA
	09N	10W	3	BCCC	1904	3.200	1900.80	102484	OB	BR	ALDA
	09N	10W	3	CCCC	1907	7.000	1900.00	102484	OB	BR	ALDA
	09N	10W	4	DCCC	1908	2.300	1905.70	102784	IR	CP	ALDA
	09N	10W	6	BBB	1923	9.100	1913.90	102584	OB	BR	ALDA
	09N	10W	7	CDCC	1936	15.240	1920.76	110584	IR	GS	ALDA
	09N	10W	16	AAAA	1921	21.000	1900.00	102484	OB	BR	ALDA
	09N	10W	19	DCDD	1991	72.600	1918.40	110584	IR	GS	HASTINGSNW
	09N	10W	23	ABBA	1971	81.500	1889.50	102784	IR	CP	HASTINGSNW
	09N	10W	33	DBAA	2007	111.590	1895.41	110584	IR	GS	HASTINGSNW
	09N	11W	7	CCC	1965	6.100	1958.90	102584	OB	BR	WOOD RIVER
	09N	11W	8	BCB	1955	7.310	1947.69	100484	IR	GS	WOOD RIVER
	09N	11W	10	CCCC	1946	2.800	1943.20	102484	OB	BR	WOOD RIVER
	09N	11W	14	ACCD	1945	9.390	1935.61	110584	IR	GS	PROSSER
	09N	11W	21	BBBB	1958	8.100	1949.90	102784	OB	CP	PROSSER
	09N	11W	28	DDDD	2025	78.620	1946.38	110584	IR	GS	PROSSER
	09N	12W	1	DCCC	1964	7.590	1956.41	100484	IR	GS	WOOD RIVER
	09N	12W	9	BAA	2002	20.410	1981.59	100484	IR	GS	SHELTON
	09N	12W	14	CCCC	1982	8.280	1973.72	100484	IR	GS	DENMAN
	09N	12W	20	BCCB	2001	7.640	1993.36	100484	IR	GS	DENMAN
	09N	12W	33	AADD	1994	4.800	1989.20	102484	OB	BR	DENMAN
	09N	12W	35	DDDD	1996	22.130	1973.87	110584	IR	GS	DENMAN
	10N	09W	3	CBBB	1857	4.700	1852.30	102784	MW	CP	DONIPHAN
	10N	09W	4	CBBA	1863	5.500	1857.50	102784	MW	CP	DONIPHAN
	10N	09W	5	BBBB	1867	7.000	1860.00	102484	OB	BR	ALDA
	10N	09W	17	BBBB	1876	5.600	1870.40	102484	OB	BR	ALDA
	10N	09W	28	CCCD	1887	14.300	1872.70	102784	IR	CP	DONIPHAN
	10N	09W	34	DAAA	1929	78.300	1850.70	112784	IR	CP	DONIPHAN
	10N	10W	3	CCBC	1894	10.150	1883.85	100484	IR	GS	ALDA
	10N	10W	7	BBBB	1922	16.130	1905.87	100484	OB	GS	ALDA
	10N	10W	8	CCAC	1920	21.240	1898.76	100484	IR	GS	ALDA
	10N	10W	13	DDD	1875	4.400	1870.60	102484	OB	BR	ALDA
	10N	10W	16	DDBB	1897	7.470	1889.53	110584	IR	GS	ALDA
	10N	10W	20	CDDC	1912	10.010	1901.99	100484	IR	GS	ALDA
	10N	10W	22	CBB	1899	6.900	1892.10	102484	OB	BR	ALDA
	10N	10W	22	CCBB	1897	4.100	1892.90	102484	OB	BR	ALDA
	10N	10W	27	BCC	1899	2.900	1896.10	102484	OB	BR	ALDA
	10N	10W	27	CBBB	1900	3.700	1896.30	102484	OB	BR	ALDA
	10N	10W	28	AAD	1897	1.600	1895.40	102484	OB	BR	ALDA
	10N	10W	30	BCCC	1920	8.420	1911.58	100484	IR	GS	ALDA
	10N	10W	30	CCCB	1919	5.100	1913.90	102584	OB	BR	ALDA
	10N	10W	33	ADD	1901	1.100	1899.90	102484	OB	BR	ALDA

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
HALL	10N	10W	33	DAA	1905	3.500	1901.50	102484	OB	BR	ALDA
	10N	10W	33	DDA	1903	1.900	1901.10	102484	OB	BR	ALDA
	10N	11W	8	CCBB	1957	24.340	1932.66	100484	IR	GS	WOOD RIVER
	10N	11W	11	BBB	1942	26.440	1915.56	100484	IR	GS	WOOD RIVER
	10N	11W	15	CDD	1944	17.510	1926.49	100484	IR	GS	WOOD RIVER
	10N	11W	30	ABBA	1962	20.000	1942.00	112884	OB	CP	WOOD RIVER
	10N	11W	30	BCCB	1969	19.470	1949.53	100484	IR	GS	WOOD RIVER
	10N	12W	4	CCCB	1989	34.320	1954.68	100384	IR	GS	SHELTON
	10N	12W	8	CC	1993	32.120	1960.88	100384	IR	GS	SHELTON
	10N	12W	12	DDDD	1962	24.310	1937.69	100484	OB	GS	WOOD RIVER
	10N	12W	15	BCCB	1990	37.530	1952.47	110884	IR	GS	SHELTON
	10N	12W	18	BBBA	2001	30.470	1970.53	100384	OB	GS	SHELTON
	10N	12W	18	CC	2006	29.560	1976.44	100384	IR	GS	SHELTON
	10N	12W	24	DDDD	1967	19.220	1947.78	100484	OB	GS	WOOD RIVER
	10N	12W	27	CCCD	1988	20.450	1967.55	100484	IR	GS	SHELTON
	10N	12W	36	DDDD	1970	16.460	1953.54	100484	OB	GS	WOOD RIVER
	11N	09W	1	AABA	1819	1.700	1817.30	102784	OB	CP	GRAND IS.
	11N	09W	12	DCCC	1828	7.000	1821.00	102784	MW	CP	GRAND IS.
	11N	09W	22	ABCB	1842	9.200	1832.80	112984	DM	CP	GRAND I.
	11N	09W	26	AAAA	1837	2.400	1834.60	102784	MW	CP	GRAND IS.
	11N	09W	27	BCBD	1845	11.400	1833.60	102784	ID	CP	GRAND IS.
	11N	09W	28	BAAA	1853	12.000	1841.00	102784	MW	CP	GRAND IS.
	11N	09W	29	BBBB	1875	17.000	1858.00	102784	MW	CP	ABBOTT
	11N	09W	34	CBBB	1853	1.800	1851.20	102784	MW	CP	GRAND IS.
	11N	09W	35	DCCC	1846	4.000	1842.00	102784	MW	CP	DONIPHAN
	11N	10W	1	CCCA	1871	2.900	1868.10	102784	OB	CP	ABBOTT
	11N	10W	14	DDDD	1877	7.800	1869.20	102784	OB	CP	ABBOTT
	11N	10W	16	BBBB	1892	7.240	1884.76	100384	OB	GS	ABBOTT
	11N	10W	21	DC	1897	13.500	1883.50	112884	OB	CP	ABBOTT
	11N	10W	23	CBCB	1887	8.100	1878.90	102984	IR	CP	ABBOT
	11N	10W	24	CBBB	1881	9.100	1871.90	102784	MW	CP	ABBOTT
	11N	10W	27	DCCC	1894	11.460	1882.54	100384	OB	GS	ABBOTT
	11N	10W	29	DBD	1905	11.300	1893.70	112684	OB	CP	ABBOTT
	11N	10W	31	AABB	1909	12.000	1897.00	101884	IR	CP	ABBOTT
	11N	11W	3	DDDB	1907	10.340	1896.66	110584	IR	GS	SHELDON NE
	11N	11W	9	CBB	1934	23.990	1910.01	100384	IR	GS	SHELTON NE
	11N	11W	17	ACA	1936	30.400	1905.60	102784	IR	CP	SHELTON NE
	11N	11W	22	BCB	1927	21.000	1906.00	102784	IR	CP	SHELTON NE
	11N	11W	25	CCCC	1924	17.290	1906.71	100384	OB	GS	SHELTON NE
	11N	11W	28	BCCC	1938	32.400	1905.60	112684	IR	CP	SHELTON NE
	11N	11W	28	BDB	1941	28.300	1912.70	112684	IR	CP	SHELTON NE
	11N	11W	34	CBCC	1938	25.550	1912.45	100384	IR	GS	SHELTON NE
	11N	11W	36	CBAB	1924	23.660	1900.34	100384	IR	GS	SHELTON NE
	11N	11W	36	DDDD	1917	18.700	1898.30	101884	IR	CP	ABBOTT
	11N	12W	4	ACC	2090	158.600	1931.40	112884	IR	CP	CAMERON
	11N	12W	4	BACD	2095	157.200	1937.80	112884	IR	CP	CAMERON
	11N	12W	7	D	2100	135.630	1964.37	110884	IR	GS	CAMERON
	11N	12W	10	BBBP	2092	170.800	1921.20	112884	IR	CP	CAMERON
	11N	12W	12	BCB	1950	33.180	1916.82	100384	OB	GS	SHELTON NE
	11N	12W	12	CDBC	1946	29.300	1916.70	100384	IR	GS	SHELTON NE
	11N	12W	12	DDDA	1941	25.440	1915.56	100384	OB	GS	SHELTON NE
	11N	12W	15	BCA	2000	74.900	1925.10	112884	IR	CP	CAMERON
	11N	12W	24	CCCC	1954	29.520	1924.48	100384	IR	GS	CAMERON
	11N	12W	25	ADAA	1950	30.560	1919.44	100384	OB	GS	SHELTON NE
	11N	12W	28	BBBA	1989	43.300	1945.70	112684	IR	CP	CAMERON

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
HALL	11N	12W	31	CBBC	2015	41.480	1973.52	110184	IR	GS	CAMERON
	11N	12W	32	DDDC	1985	31.360	1953.64	100384	IR	GS	SHELTON
	11N	12W	34	DCCD	1973	33.060	1939.94	100384	IR	GS	SHELTON
	12N	09W	3	CDCD	1885	13.200	1831.80	112684	IR	CP	ST.LIBORY
	12N	09W	11	CCCD	1836	12.000	1824.00	112684	IR	CP	ST.LIBORY
	12N	09W	25	AAAA	1829	10.000	1819.00	102784	OB	CP	GRAND IS.
	12N	09W	25	CDCC	1837	10.700	1826.30	102784	IR	CP	GRAND IS.
	12N	09W	27	CD	1843	5.400	1837.60	112684	IR	CP	GRAND I.
	12N	09W	29	CCCC	1863	9.900	1853.10	102784	OB	CP	ABBOTT
	12N	09W	32	AAB	1858	12.500	1845.50	102784	IR	CP	GRAND IS.
	12N	09W	32	CCCC	1864	10.500	1853.50	102784	MW	CP	ABBOTT
	12N	09W	33	ADD	1846	5.300	1840.70	102784	OB	CP	GRAND IS.
	12N	09W	33	CCDD	1854	11.800	1842.20	112684	OB	CP	GRAND I
	12N	09W	36	CAAA	1842	13.500	1828.50	102784	MW	CP	GRAND IS.
	12N	10W	3	CDDD	1899	6.740	1892.26	110584	IR	GS	ST.PAUL SW
	12N	10W	14	CCBB	1877	11.800	1865.20	102284	IR	CP	ST.PAUL SW
	12N	10W	14	CDD	1879	14.500	1864.50	102284	IR	CP	ST.PAUL SW
	12N	10W	16	BACC	1893	4.460	1888.54	110584	IR	GS	ST.PAUL SW
	12N	10W	23	DBDC	1871	12.600	1858.40	102284	IR	CP	ABBOTT
	12N	10W	25	ACCC	1868	13.900	1854.10	110584	IR	CP	ABBOTT
	12N	10W	33	CBBB	1888	11.600	1876.40	100384	IR	GS	ABBOTT
	12N	10W	35	ABBC	1871	9.220	1861.78	100384	IR	GS	ABBOTT
	12N	11W	2	ABDC	1938	39.400	1898.60	103084	IR	BR	DANNEBROG
	12N	11W	7	CCCD	1964	49.610	1914.39	100384	OB	GS	DANNEBROG
	12N	11W	11	CBDA	1930	22.870	1907.13	110584	IR	GS	DANNEBROG
	12N	11W	13	AA	1908	8.490	1899.51	100384	OB	GS	ST.PAUL SW
	12N	11W	17	ABAD	1945	26.710	1918.29	110584	IR	GS	DANNEBROG
	12N	11W	19	DDCC	1949	40.780	1908.22	100384	IR	GS	SHELTON NE
	12N	11W	24	CDDD	1901	6.960	1894.04	100384	OB	GS	SHELTON NE
	12N	11W	30	ABBB	1944	32.230	1911.77	100384	OB	GS	SHELTON NE
	12N	11W	31	CCCC	1939	30.760	1908.24	100384	IR	GS	SHELTON NE
	12N	11W	34	ABBB	1909	11.690	1897.31	100384	IR	GS	SHELTON NE
	12N	12W	1	ABDA	1930	15.800	1914.20	110584	IR	GS	DANNEBROG
	12N	12W	4	CCBA	1930	8.570	1921.43	110884	IR	GS	BOELUS
	12N	12W	5	A	1922	6.390	1915.61	110884	IR	GS	BOELUS
	12N	12W	10	AACD	1940	16.940	1923.06	110884	IR	GS	BOELUS
	12N	12W	21	CBBB	2000	47.220	1952.78	110884	IR	GS	CAMERON
	12N	12W	24	ADDB	1950	45.260	1904.74	100384	IR	GS	SHELTON NE
	12N	12W	34	ABDB	2060	122.140	1937.86	110884	IR	GS	CAMERON
	12N	12W	36	DDDA	1939	28.430	1910.57	100384	OB	GS	SHELTON NE
HAMILTON	10N	07W	6	DCC	1877	104.200	1772.80	110784	IR	BA	GILTNER
	10N	08W	2	DCC	1897	97.090	1799.91	110784	IR	BA	GILTNER
	10N	08W	7	CBD	1902	66.760	1835.24	110784	IR	BA	DONIPHAN
	10N	08W	8	DDDC	1900	77.060	1822.94	110784	IR	BA	GILTNER
	10N	08W	15	ADDD	1875	73.980	1801.02	110784	IR	BA	GILTNER
	10N	08W	24	ABAB	1860	86.400	1773.60	110784	IR	BA	GILTNER
	11N	07W	5	BBBA	1859	86.610	1772.39	110884	IR	BA	PHILLIPS
	11N	07W	7	BADD	1866	86.670	1779.33	110884	IR	BA	PHILLIPS
	11N	08W	12	ACB	1868	83.200	1784.80	110884	IR	BA	PHILLIPS
	11N	08W	14	BBBC	1802	4.330	1797.67	110884	OB	BA	PHILLIPS
	11N	08W	28	BCCD	1845	32.740	1812.26	110884	IR	BA	PHILLIPS
	12N	06W	3	CBDD	1820	110.300	1709.70	111384	IR	BA	CENTRAL CE

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
HAMILTON	12N	06W	8	DCBA	1841	115.070	1725.93	111384	IR	BA	CENTRAL CH
	12N	07W	13	CDD	1845	106.500	1738.50	110584	IR	CP	CENT.CITYW
	12N	07W	24	BADD	1848	109.580	1738.42	111384	IR	BA	MURPHY
	13N	05W	14	CDBA	1769	110.950	1658.05	111484	IR	BA	POLK
	13N	05W	31	ADC	1786	102.260	1683.74	111484	IR	BA	CENTRAL CE
	13N	05W	34	BCCD	1765	96.430	1668.57	111484	IR	BA	CENTRAL CE
	13N	06W	27	CCB	1711	10.030	1700.97	111384	IR	BA	CENTRAL CE
	14N	05W	35	AAAD	1650	3.430	1646.57	111484	OB	BA	CLARKS
HOWARD	13N	09W	3	DDDD	1855	21.6000	1833.40	102984	IR	BR	ST.LIBORY
	13N	09W	7	CADD	1871	11.6000	1859.40	102884	IR	CP	ST.LIBORY
	13N	09W	17	ABCC	1880	17.5000	1862.50	102884	IR	CP	ST.LIBORY
	13N	09W	20	DBCC	1869	6.0000	1863.00	103084	IR	BR	ST.LIBORY
	13N	09W	22	ADA	1852	8.9000	1843.10	110584	IR	BR	ST.LIBORY
	13N	09W	26	DDDD	1818	7.1000	1810.90	102884	OB	CP	ST.LIBORY
	13N	09W	31	DDAA	1869	5.4000	1863.60	102884	OB	CP	ST.PAULSW
	13N	09W	35	ABAB	1820	5.9000	1814.10	102884	IR	CP	ST.LIBORY
	13N	10W	4	BB	1828	6.1000	1821.90	102884	IR	CP	ST.PAUL
	13N	10W	8	BCCC	1839	6.9000	1832.10	103084	IR	BR	ST.PAUL SW
	13N	10W	11	CCBA	1910	18.9000	1891.10	102884	IR	CP	ST.PAULSW
	13N	10W	16	ABDA	1888	9.6000	1878.40	100184	IR	LL	ST. PAULSW
	13N	10W	25	BDBB	1900	8.8000	1891.20	102884	IR	CP	ST.PAULSW
	13N	10W	28	A	1920	20.7000	1899.30	103084	IR	BR	ST.PAUL SW
	13N	10W	29	B	1897	8.6000	1888.40	103084	IR	BR	ST.PAUL SW
	13N	10W	34	CDBA	1910	7.8400	1902.16	110584	IR	GS	ST.PAUL SW
	13N	10W	34	D	1908	9.4000	1898.60	110584	IR	BR	ST.PAUL SW
	13N	11W	23	CABD	1860	5.1000	1854.90	100184	IR	LL	DANNEBROG
	13N	11W	32	CCC	1921	7.0000	1914.00	103084	DM	BR	DANNEBROG
	13N	11W	33	CCCD	1910	8.3000	1901.70	110584	IR	CP	DANNEBROG
	13N	11W	36	BCAB	1898	7.3000	1890.70	110584	IR	CP	DANNEBROG
	13N	11W	36	CCBC	1920	15.6000	1904.40	110384	IR	GS	DANNEBROG
	13N	12W	22	DCAB	1907	2.6000	1904.40	100184	IR	LL	BOELUS
	14N	09W	1	C	1825	12.6000	1812.40	102884	IR	CP	PALMER
	14N	09W	4	ADAB	1840	11.9000	1828.10	102884	IR	CP	PALMER
	14N	09W	11	BBBB	1828	10.3000	1817.70	102884	IR	CP	PALMER
	14N	09W	13	CDDD	1848	22.4000	1825.60	102984	IR	BR	PALMER
	14N	09W	15	ABC	1835	7.8000	1827.20	100184	IR	LL	PALMER
	14N	09W	17	C	1850	23.3000	1826.70	110584	IR	BR	ST.PAUL
	14N	09W	26	DC	1845	18.5000	1826.50	102884	IR	CP	PALMER
	14N	09W	27	CDCD	1852	11.4000	1840.60	103084	IR	BR	ST.LIBORY
	14N	09W	29	CAAD	1880	35.8000	1844.20	102884	IR	CP	ST.PAUL
	14N	09W	36	AAD	1834	16.3000	1817.70	102884	IR	CP	PALMER
	14N	10W	2	ADBC	1782	10.0000	1772.00	110584	IR	BR	ST.PAUL
	14N	10W	15	ADAC	1796	10.1000	1785.90	100184	IR	LL	ST. PAUL
	14N	10W	26	BDBA	1820	10.5000	1809.50	102884	IR	CP	ST.PAUL
	14N	10W	35	D	1900	32.3000	1867.70	103084	IR	BR	ST. PAUL
	14N	11W	21	DBD	1911	15.6000	1895.40	100184	IR	LL	NYSTED
	15N	08W	22	DABD	1726	12.7000	1713.30	100184	IR	LL	BELGRADESW
	15N	09W	19	CABC	1780	10.9000	1769.10	102884	IR	CP	WOLBACHSW
	15N	09W	23	CDAD	1772	6.5000	1765.50	100184	IR	LL	CUSHING
	15N	09W	28	DBCD	1840	21.1000	1818.90	102884	IR	CP	PALMER
	15N	09W	30	BAC	1780	11.5000	1768.50	102884	IR	CP	ST.PAUL
	15N	09W	34	DD	1830	14.2000	1815.80	102884	IR	CP	PALMER

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
HOWARD	15N	09W	36	DDAD	1811	18.7000	1792.30	102884	IR	CP	PALMER
	15N	10W	26	BCBC	1785	12.7000	1772.30	100184	IR	LL	ST. PAUL
KEARNEY	07N	13W	10	CCAD	2079	60.5200	2018.48	101784	IR	TB	HEARTWELL
	07N	13W	19	DCBB	2104	62.4200	2041.58	101784	IR	TB	HEARTWELL
	07N	13W	23	A	2055	59.9800	1995.02	101784	IR	TB	HEARTWELL
	07N	13W	29	CCBC	2095	65.5200	2029.48	101784	IR	TB	HEARTWELL
	07N	14W	3	ACBB	2097	18.4700	2078.53	101784	IR	TB	MINDEN N
	07N	14W	7	DDD	2121	23.4000	2097.60	102484	OB	BR	MINDEN N
	07N	14W	20	BAA	2156	57.8200	2098.18	101684	IR	GS	MINDEN NRT
	07N	14W	27	AB	2123	54.3000	2068.70	101784	IR	TB	MINDEN N
	07N	15W	7	AA	2143	2.9000	2140.10	102484	OB	BR	KEARNEY SE
	07N	15W	9	DD	2149	15.4000	2133.60	102484	OB	BR	KEARNEY SE
	07N	15W	10	ACAD	2133	10.9400	2122.06	101684	IR	GS	MINDEN NRT
	07N	15W	12	BB	2137	25.6000	2111.40	102484	OB	BR	MINDEN N
	07N	16W	4	DD	2169	4.8000	2164.20	102484	OB	BR	KEARNEY SE
	07N	16W	9	BCC	2178	4.1500	2173.85	101684	IR	GS	KEARNEY SW
	07N	16W	14	AA	2163	5.5000	2157.50	102484	OB	BR	KEARNEY SE
	07N	16W	17	BC	2195	12.2000	2182.80	102484	OB	BR	KEARNEY SW
	08N	13W	14	CBCC	2035	15.3300	2019.67	101784	IR	TB	GIBBON S
	08N	13W	29	D	2060	17.3700	2042.63	101784	IR	TB	GIBBON S
	08N	14W	20	ADDD	2083	4.6000	2078.40	102684	OB	BR	NEWARK
	08N	14W	23	BA	2067	5.2000	2061.80	101684	OB	GS	GIBBON N
	08N	14W	28	BCCC	2091	10.3000	2080.70	102684	OB	BR	NEWARK
	08N	14W	28	CCCC	2100	16.4000	2083.60	102684	OB	BR	NEWARK
	08N	15W	21	DCC	2119	7.9900	2111.01	101684	IR	GS	KEARNEY
	08N	15W	24	BBB	2103	5.5000	2097.50	102484	OB	BR	NEWARK
	08N	15W	24	CCCC	2104	6.6000	2097.40	102484	OB	BR	NEWARK
	08N	16W	24	CC	2143	5.5000	2137.50	102584	OB	BR	KEARNEY
	08N	16W	28	AA	2159	6.4000	2152.60	102584	OB	BR	KEARNEY
	08N	16W	29	BB	2172	6.5000	2165.50	102584	OB	BR	ALFALFA C
MERRICK	11N	08W	8	BBBB	1821	11.0000	1810.00	103084	IR	CP	GRAND IS.
	11N	08W	10	BABB	1801	4.1000	1796.90	103084	OB	CP	PHILLIPS
	11N	08W	17	CDCD	1824	10.6900	1813.31	102284	IR	GS	GRAND I.
	12N	07W	4	DCCD	1756	8.9000	1747.10	103084	IR	CP	CENT.CITYW
	12N	07W	7	AAAA	1762	6.0000	1756.00	103084	OB	CP	CHAPMAN
	12N	07W	17	BCCC	1768	9.0000	1759.00	103084	IR	CP	CHAPMAN
	12N	07W	18	BB	1768	3.9000	1764.10	103084	OB	CP	CHAPMAN
	12N	07W	19	BBBB	1775	12.1000	1762.90	103084	OB	CP	CHAPMAN
	12N	07W	19	CCCC	1776	5.6000	1770.40	103084	OB	CP	PHILLIPS
	12N	08W	4	DDCC	1806	20.2900	1785.71	102284	IR	GS	CHAPMAN
	12N	08W	7	DCCD	1818	10.5000	1807.50	103184	IR	CP	ST.LIBORY
	12N	08W	12	CCCC	1775	6.0000	1769.00	103184	IR	CP	CHAPMAN
	12N	08W	14	CCBC	1784	5.7400	1778.26	102284	IR	GS	CHAPMAN
	12N	08W	16	CCCB	1812	11.9000	1800.10	102284	IR	GS	CHAPMAN
	12N	08W	20	CCDD	1825	16.1000	1808.90	103184	IR	CP	GRAND IS.
	12N	08W	27	DDCB	1795	6.5000	1788.50	103084	OB	CP	PHILLIPS
	12N	08W	28	DCCC	1800	4.4000	1795.60	103084	OB	CP	PHILLIPS
	12N	08W	36	AAAA	1777	3.8000	1773.20	103084	OB	CP	PHILLIPS
	13N	06W	4	BBCC	1704	11.0000	1693.00	103084	IR	CP	HORD
	13N	06W	8	CCDD	1711	6.4900	1704.51	102284	IR	GS	CENTAL C.W
	13N	06W	15	CBD	1703	7.8000	1695.20	103084	IR	CP	CENT.CITYE

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
MERRICK	13N	06W	28	BBBB	1712	5.6000	1706.40	103084	OB	CP	CENT.CITYW
	13N	07W	7	CDCD	1766	9.9000	1756.10	103084	IR	CP	CHAPMAN
	13N	07W	10	CCDC	1745	8.9000	1736.10	103084	IR	CP	CENT.CITYW
	13N	07W	16	CCAB	1756	15.6000	1740.40	103084	IR	CP	CHAPMAN
	13N	07W	22	DCC	1738	7.3000	1730.70	103084	IR	CP	CENT.CITYW
	13N	07W	24	DAAA	1719	5.2000	1713.80	103084	OB	CP	CENT.CITYW
	13N	07W	27	BCD	1739	7.2000	1731.80	103084	IR	CP	CENT.CITYW
	13N	07W	30	CCCB	1775	16.5000	1758.50	103084	IR	CP	CHAPMAN
	13N	07W	36	CBB	1737	11.0000	1726.00	103084	IR	CP	CENT.CITYW
	13N	08W	1	CBC	1765	7.0000	1758.00	103084	IR	CP	CHAPMAN
	13N	08W	2	BCCC	1771	5.6500	1765.35	102384	IR	GS	ARCHER
	13N	08W	9	CDCC	1785	8.8800	1776.12	101584	IR	GS	CHAPMAN
	13N	08W	10	CDC	1779	7.1000	1771.90	103084	IR	CP	CHAPMAN
	13N	08W	13	DDCD	1774	14.3000	1759.70	103084	OB	CP	CHAPMAN
	13N	08W	14	CCDD	1780	10.6000	1769.40	103084	IR	CP	CHAPMAN
	13N	08W	19	ACBD	1805	8.2700	1796.73	102484	IR	GS	ST.LIBORY
	13N	08W	19	CCCB	1807	8.1000	1798.90	102984	IR	BR	ST.LIBORY
	13N	08W	27	DDDD	1791	11.8100	1779.19	102484	IR	GS	CHAPMAN
	13N	08W	28	BBCC	1795	9.0300	1785.97	102484	IR	GS	CHAPMAN
	13N	08W	31	CDCC	1814	8.8000	1805.20	103084	OB	CP	ST.LIBORY
	13N	08W	32	DDCC	1804	8.8000	1795.20	103084	IR	CP	ST.LIBORY
	14N	04W	18	BBBB	1626	4.1000	1621.90	110184	OB	CP	CLARKS
	14N	05W	3	DDAC	1635	11.4500	1623.55	102284	IR	GS	CLARKS
	14N	05W	4	BBCC	1643	7.4000	1635.60	110184	IR	CP	POLK NW
	14N	05W	4	CBB	1645	11.4000	1633.60	110184	IR	CP	POLK NW
	14N	05W	7	BBBB	1654	5.5000	1648.50	110184	OB	CP	POLK NW
	14N	05W	9	CCCB	1650	8.0000	1642.00	110184	IR	CP	POLK NW
	14N	05W	15	DACB	1644	8.2000	1635.80	110184	IR	CP	CLARKS
	14N	05W	17	DDDD	1658	11.4000	1646.60	110184	OB	CP	POLK NW
	14N	05W	28	CBB	1660	7.4000	1652.60	110184	IR	CP	POLK NW
	14N	05W	31	BCC	1672	5.7000	1666.30	110184	IR	CP	POLK NW
	14N	06W	2	CCCC	1670	6.2000	1663.80	102984	OB	CP	POLK NW
	14N	06W	9	BBBB	1702	5.4000	1696.60	102984	OB	CP	HORD
	14N	06W	14	BCBB	1670	3.8900	1666.11	101584	IR	GS	POLK NW
	14N	06W	18	BBBB	1710	4.6000	1705.40	102984	OB	CP	HORD
	14N	06W	21	BBCC	1686	4.8600	1681.14	102284	IR	GS	HORD
	14N	06W	24	BCC	1671	3.6000	1667.40	103184	IR	CP	POLK
	14N	06W	25	DDDD	1671	6.8000	1664.20	103184	OB	CP	POLK
	14N	06W	26	BCDA	1681	9.6700	1671.33	101584	IR	GS	POLK NW
	14N	06W	30	BBBB	1712	11.9000	1700.10	103184	OB	CP	HORD
	14N	06W	33	BBCC	1694	3.4700	1690.53	102284	IR	GS	HORD
	14N	07W	1	AAAA	1708	7.8000	1700.20	102984	OB	CP	HORD
	14N	07W	4	AADC	1731	10.6600	1720.34	102384	IR	GS	HORD
	14N	07W	8	DDDD	1730	4.1000	1725.90	102984	OB	CP	ARCHER
	14N	07W	11	CCCC	1727	5.8000	1721.20	102984	OB	CP	HORD
	14N	07W	22	ADDD	1729	10.5000	1718.50	103184	OB	CP	HORD
	14N	07W	31	BBBB	1754	7.7000	1746.30	103184	OB	CP	ARCHER
	14N	07W	33	ABBB	1740	6.9000	1733.10	103184	OB	CP	HORD
	14N	07W	35	BBAA	1729	11.2000	1717.80	103184	OB	CP	HORD
	14N	07W	35	BBBA	1735	13.1000	1721.90	103184	OB	CP	HORD
	14N	08W	1	AABA	1770	15.3600	1754.64	102384	IR	GS	ARCHER
	14N	08W	9	CBDD	1800	20.1800	1779.82	101584	IR	GS	ARCHER
	14N	08W	12	DDDC	1768	10.5000	1757.50	102984	OB	CP	ARCHER
	14N	08W	19	BAA	1829	18.2000	1810.80	101584	IR	GS	PALMER
	14N	08W	21	CBCC	1831	28.9900	1802.01	101584	IR	GS	ARCHER

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	MT	DATE	WELLTYPE	MEASURER	TOPSHEET
MERRICK	14N	08W	23	CBAD	1772	10.3700	1761.63	102384	IR	GS	ARCHER
	14N	08W	25	DDDC	1753	8.2000	1744.80	103184	IR	CP	ARCHER
	14N	08W	33	CACB	1802	10.8500	1791.15	102384	IR	GS	PALMER
	15N	03W	6	AAAA	1556	2.0000	1554.00	110184	OB	CP	SILVER CK.
	15N	04W	7	CABB	1625	23.7100	1601.29	102284	IR	GS	HAVENS
	15N	04W	8	BAB	1624	25.7000	1598.30	110184	IR	CP	HAVENS
	15N	04W	8	DDDD	1597	5.5000	1591.50	110184	OB	CP	HAVENS
	15N	04W	15	AAAA	1579	4.6000	1574.40	110184	OB	CP	HAVENS
	15N	04W	21	CCC	1600	7.3000	1592.70	110184	IR	CP	HAVENS
	15N	04W	31	CCCD	1616	3.9000	1612.10	110184	OB	CP	CLARKS
	15N	04W	33	BCB	1605	5.8000	1599.20	110184	IR	CP	CLARKS
	15N	05W	2	CCCC	1621	3.6000	1617.40	110184	OB	CP	HAVENS
	15N	05W	8	DDDD	1650	8.6000	1641.40	110184	OB	CP	FULLERTON
	15N	05W	16	CCBA	1651	9.5000	1641.50	110184	IR	CP	FULLERTON
	15N	05W	18	CDC	1666	13.8000	1652.20	110184	IR	CP	FULLERTON
	15N	05W	22	AAAA	1624	8.1000	1615.90	110184	OB	CP	HAVENS
	15N	05W	24	DCCC	1615	7.5000	1607.50	110184	OB	CP	HAVENS
	15N	05W	28	BBBB	1638	10.4000	1627.60	110184	OB	CP	POLK NW
	15N	05W	30	CCCC	1651	7.5000	1643.50	110184	OB	CP	POLK NW
	15N	05W	32	AADB	1642	10.5000	1631.50	110184	IR	CP	POLK NW
	15N	06W	10	ABDA	1719	32.4700	1686.53	102384	IR	GS	FULLERTON
	15N	06W	19	BCBB	1742	38.1200	1703.88	102384	IR	GS	BELGRADESE
	15N	06W	21	CCCC	1700	9.4000	1690.60	102984	OB	CP	BELGRADESE
	15N	06W	32	AAAA	1690	5.2000	1684.80	102984	OB	CP	HORD
	15N	06W	32	DDDD	1700	8.6000	1691.40	102984	OB	CP	HORD
	15N	06W	34	DDDD	1690	12.6000	1677.40	102984	OB	CP	POLK NW
	15N	07W	21	DCCC	1735	36.7800	1698.22	102384	IR	GS	ARCHER
	15N	07W	23	BCDA	1740	25.1000	1714.90	102384	IR	GS	BELGRADESE
	15N	07W	26	CCCC	1728	10.9000	1717.10	102984	OB	CP	HORD
	15N	08W	21	CDDD	1735	8.0000	1727.00	102384	IR	GS	ARCHER
	15N	08W	33	CBCC	1767	11.1000	1755.90	102984	IR	CP	ARCHER
	15N	08W	34	CDDA	1770	3.0800	1766.92	102384	IR	GS	ACHER
NANCE	15N	05W	5	DDD	1645	7.200	1637.80	110184	OB	CP	FULLERTON
	15N	06W	4	CBDD	1721	29.800	1691.20	102384	IR	GS	BELGRADESE
	15N	07W	16	ABCD	1689	9.000	1680.00	100184	IR	LL	BELGRADESE
	15N	08W	1	AAAA	1781	71.400	1709.60	110184	OB	GS	BELGRADESW
	15N	08W	10	ABAD	1762	48.800	1713.20	100184	IR	LL	BELGRADESW
	15N	08W	14	BCBB	1706	8.820	1697.18	110184	OB	GS	BELGRADESW
	16N	04W	10	BB	1614	26.800	1587.20	100184	IR	LL	FULLERTNNE
	16N	04W	31	BCB	1604	5.800	1598.60	110184	OB	CP	HAVENS
	16N	04W	32	DDDD	1588	5.900	1582.10	110184	OB	CP	HAVENS
	16N	04W	35	CCBC	1575	6.760	1568.24	102284	IR	GS	HAVENS
	16N	05W	4	ABBB	1625	24.440	1600.56	110184	OB	GS	MERCHISTON
	16N	05W	16	DADD	1619	8.500	1610.50	100184	IR	LL	FULLERTN
	16N	06W	15	DCCB	1666	27.700	1638.30	100184	IR	LL	FULLERTON
	16N	06W	30	CBB	1687	19.260	1667.74	110184	OB	GS	BELGRADESE
	16N	07W	23	DCCC	1742	28.500	1713.50	100184	IR	LL	BELGRADESW
	16N	07W	25	DDD	1671	13.680	1657.32	110184	OB	GS	BELGRADESE
	16N	07W	28	DDA	1738	33.680	1704.32	110184	OB	GS	BELGRADESE
	16N	07W	33	DDDD	1703	18.380	1684.62	110184	OB	GS	BELGRADESE
	16N	07W	34	BACC	1717	15.970	1701.03	110184	OB	GS	BELGRaDESE
	16N	07W	36	ADAA	1650	2.140	1647.86	110184	OB	GS	BELGRADESE

COUNTY	TOWNSHIP	RANGE	SECTION	SECLOC	LSD	DTW	WT	DATE	WELLTYPE	MEASURER	TOPSHEET
NANCE	16N	08W	21	CCCB	1827	46.700	1780.30	100184	IR	LL	CUSHING
	17N	04W	16	AADC	1643	58.500	1584.50	100184	IR	LL	FULLERTNNE
	17N	04W	31	AAAC	1576	3.530	1572.47	110184	OB	GS	FULLERTONE
	17N	05W	13	AACA	1792	132.900	1659.10	100184	IR	LL	FULLERTNNE
	17N	05W	13	BBBB	1791	108.620	1682.38	110184	OB	GS	FULLERTONN
	17N	06W	33	BB	1662	27.200	1634.80	100184	IR	LL	BELGRADE
	17N	06W	34	ADD	1700	36.920	1663.08	110184	OB	GS	MERCHISTON
	17N	07W	18	DAAA	1762	24.680	1737.32	110184	OB	GS	BELGRADENW
	17N	07W	25	ADDD	1682	6.710	1675.29	110184	OB	GS	BELGRADE
PHELPS	07N	17W	16	AA	2253	48.2000	2204.80	102484	OB	BR	KEARNEY SW
	07N	18W	8	CC	2294	5.2000	2288.80	102484	OB	BR	ELM CRK SW
	07N	18W	11	CB	2264	11.6000	2252.40	102484	OB	BR	ELM CRK SE
	07N	18W	13	BB	2279	34.9000	2244.10	102484	OB	BR	ELM CRK SE
	07N	19W	18	AA	2383	39.2000	2343.80	102484	OB	BR	BERTRANDSE
	07N	20W	13	BA	2440	87.4000	2352.60	102484	OB	BR	BERTRANDSE
	08N	17W	24	BC	2187	9.6300	2177.37	101184	IR	GS	ALFALFA CR
	08N	17W	32	CC	2227	13.9000	2213.10	102484	OB	BR	ALFALFA C
	08N	18W	16	CC	2252	6.2500	2245.75	101184	IR	GS	ELMCR WEST
	08N	18W	28	DD	2259	11.4000	2247.60	102484	OB	BR	ELM CRK E
	08N	19W	13	AA	2262	4.9000	2257.10	102484	OB	BR	ELM CRK W
	08N	19W	13	AB	2266	5.3000	2260.70	102484	OB	BR	ELM CRK W
	08N	19W	13	BC	2268	2.0000	2266.00	102484	OB	BR	ELM CRK W
	08N	19W	14	CD	2279	9.5000	2269.50	102484	OB	BR	ELM CRK W
	08N	19W	17	AA	2293	7.7000	2285.30	102484	OB	BR	ELM CRK W
	08N	19W	18	AA	2295	3.2000	2291.80	102484	OB	BR	OVERTON
	08N	19W	18	AAAA	2295	3.1200	2291.88	101184	OB	GS	OVERTON
	08N	19W	29	CCCC	2361	15.1000	2345.90	102484	OB	BR	OVERTON
	08N	19W	34	CC	2343	27.1000	2315.90	102484	OB	BR	ELM CRK SW
	08N	20W	7	DAA	2340	7.7000	2332.30	110184	OB	BR	BERTRANDNW
	08N	20W	7	DAAD	2340	7.7000	2332.30	110184	OB	BR	OVERTON
	08N	20W	8	BBB	2334	4.0000	2330.00	110184	OB	BR	OVERTON
	08N	20W	8	BCB	2336	5.6000	2330.40	110184	OB	BR	OVERTON
	08N	20W	8	BCB	2336	5.6000	2330.40	110184	OB	BR	OVERTON
	08N	20W	8	CD	2338	6.6900	2331.31	101184	IR	GS	OVERTON
	08N	20W	9	CD	2325	3.9000	2321.10	102484	OB	BR	OVERTON
	08N	20W	14	DBBB	2313	4.0000	2309.00	102484	OB	BR	OVERTON
	08N	20W	15	DB	2324	6.2000	2317.80	102484	OB	BR	OVERTON
	08N	20W	16	AA	2322	4.6000	2317.40	102484	OB	BR	OVERTON
	08N	20W	17	BBBB	2347	11.7000	2335.30	110184	OB	BR	OVERTON
	08N	20W	17	CCD	2432	84.9000	2347.10	110184	OB	BR	OVERTON
	08N	20W	18	AAAD	2355	16.3000	2338.70	110184	OB	BR	OVERTON
	08N	20W	25	BB	2375	35.7000	2339.30	102484	OB	BR	OVERTON
	08N	20W	26	DCCC	2390	15.8000	2374.20	102484	OB	BR	OVERTON
PLATTE	17N	03W	30	CAC	1554	12.4000	1541.60	100184	IR	LL	GENOA
SHERMAN	13N	13W	15	BAAA	1990	36.400	1953.60	100184	IR	LL	ROCKVILLE
	13N	14W	14	AACD	2107	117.100	1989.90	100184	IR	LL	RAVENNA
	13N	15W	14	C	2170	115.500	2054.50	100184	IR	LL	HAZARD
	13N	16W	19	DCCD	2295	164.200	2130.80	100184	IR	LL	LITCHFLDSW